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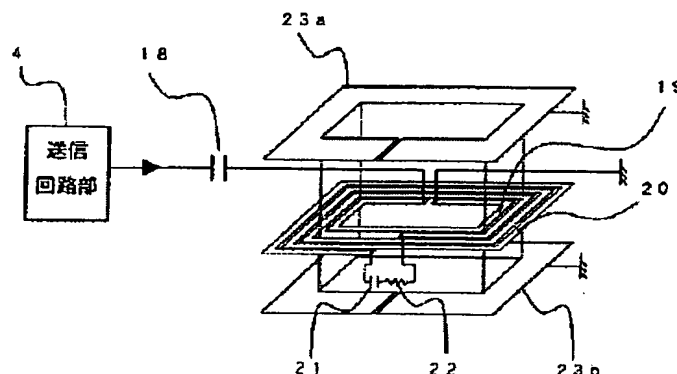
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TITLE : SHIELD ANTENNA COIL



19 給電パターンコイル

20 共振パターンコイル

21 共振周波数調整用コンデンサ

22 Q値調整用抵抗

23a, 23b 電界シールドパターン

ABSTRACT : PROBLEM TO BE SOLVED: To obtain a shield antenna coil capable of reducing an electric field component coming communication disturbance in other radio equipments while securing an electric field component necessary to a communication with a communicating means.

SOLUTION: This antenna coil is provided with a feeding pattern coil 19 connected to a transmission circuit, a resonance pattern coil 20 arranged outside the feeding pattern coil and coupled by to mutual induction, a matching circuit consisting of a capacitor 21 for resonance frequency adjustment connected to the resonance pattern coil and a resistance 22 for adjusting impedance and a Q value, and electric field shield patterns 23a and 23b for reducing an electric field component emitted from the resonance pattern coil, and the electric field shield patterns are disposed so as to put the resonance pattern coil between them.

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